

Form PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
KAS-103XC1

SERIAL NO.
09/918,740

INFORMATION DISCLOSURE STATEMENT

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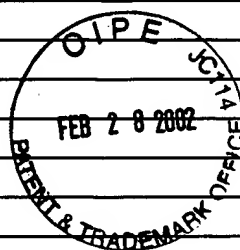
APPLICANT(S): Frederick M. Hahn, Adelheid R. Kuehnle

FILING DATE
July 31, 2001

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PK	AN	Meinkoth, J. and G. Wahl (1984) "Hybridization of Nucleic Acids Immobilized on Solid Supports, " <i>Anal. Biochem.</i> 138 :267-284.
I	AO	Needleman, S.B. and C.D. Wunsch (1970) "A General Method Applicable to the Search for Similarities in the Amino Acid Sequence of Two Proteins," <i>J. Mol. Biol.</i> 48 :443-453.
PK	AP	Serino, G. and P. Maliga (1997) "A Negative Selection Scheme Based on the Expression of Cytosine Deaminase in Plastids," <i>Plant J.</i> 12 (3):697-701.
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OK	AN	Sprenger et al., "Identification of a Thiamin-Dependent. Synthase in Escherichia coli Required for the Formation of the 1-Deoxy-D-Xylulose 5-Phosphate Precursor to Isoprenoids, Thiamin, and Pyridoxol," Proc. Natl. Acad. Sci. USA 94:12857-12862 (1997).
I	AO	Stevens and Purton, "Genetic Engineering of Eukaryotic Algae: Progress and prospects," J. Phycol 33:713-722 (1997).
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	AR	Toriyama and Hinata, "Cell Suspension and Protoplast Culture in Rice," Plant Science 41:179-183 (1985).
DO NOT Publish	AS	Tsudsuki, T., "Direct submission, bases 1-155939. Data Processing Center, Aichi Gakuin University, Aichi, Japan," (1998). (copy not enclosed)
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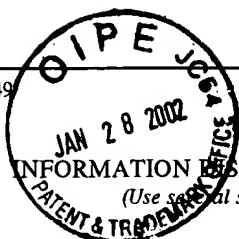
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Sheet 1 of 8

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DK	AA 5 3 8 0 8 3 1	1/10/95	Adang <i>et al.</i>			
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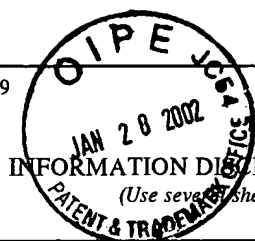
DK	AN	Albrecht et al., "Novel Hydroxycarotenoids with Improved Antioxidative Properties Produced by Gene Combination in Escherichia coli," Nature Biotech. 18:843 - 846 (2000). ✓
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	AR	Ballas et al., "Efficient functioning of plant promoters and poly(A) sites in <i>Xenopus</i> oocytes," Nucleic Acids Res. 17:7891-7903 (1989). ✓
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	AT	Bock and Hagemann, "Extranuclear Inheritance: Plastid Genetic: Manipulation of Plastid Genomes and Biotechnological Application," Prog. Bot. 61:76-90 (2000). ✓
	AU	Boyton and Gillham, "Chloroplast Transformation in Chlamydomonas," Methods Enzymol. 217:510-536 (1993). ✓
	AV	Clarke, "Protein Isoprenylation and Methylation at Carboxy-terminal Cysteine Residues," Annu. Rev. Biochem. 61:355-386 (1992). ✓
DK	AW	Cunningham and Gantt, "Genes and Enzymes of Carotenoid Biosynthesis in Plants," Ann. Rev. Plant Mol. Biol. 39:475-502 (1998). ✓

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PK	AN	Cunningham et al., "Evidence of a Role for LytB in the Nonmevalonate Pathway of Isoprenoid Biosynthesis," J. Bacteriol. 182:5841-5848 (2000).
	AO	Dale, P.J., "Spread of Engineered Genes to Wild Relatives," Plant Physiol. 100:13-15 (1992).
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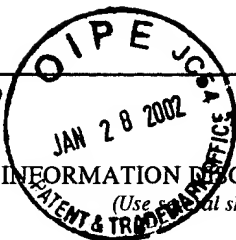
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AN	Goldschmidt-Clermont M., "Transgenic Expression of Aminoglycoside Adenine Transferase in the Chloroplast: A Selectable Marker for Site-directed Transformation of Chlamydomonas," Nucleic Acids Res. 19:4083-4089 (1991).
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AS	Hahn and Poulter, "Isolation of Schizosaccharomyces pombe Isopentenyl Diphosphate Isomerase cDNA Clones by Complementation and Synthesis of the Enzyme in Escherichia coli," J. Biol. Chem. 270:11298-11303 (1995).
AT	Hahn et al., "Escherichia coli Open Reading Frame 696 Is idi, a Nonessential Gene Encoding Isopentenyl Diphosphate Isomerase," J. Bacteriol. 181:4499-4504 (1999).
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OK	AN	Herz et al., "Biosynthesis of Terpenoids: YgbB Protein Converts 4-Diphosphocytidyl-2C-Methyl-D-Erythritol 2-Phosphate to 2C-Methyl-D-Erythritol 2,4-Cyclodiphosphate," Proc. Natl. Acad. Sci. USA 97:2486-2490 (2000).
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	AP	Joshi et al., "Putative polyadenylation signals in nuclear genes of higher plants: a compilation and analysis," Nucleic Acid Res. 15(23):9627-9639 (1987).
	AQ	Kajiwarra et al., "Expression of an Exogenous Isopentenyl Diphosphate Isomerase Gene Enhances Isoprenoid Biosynthesis in Escherichia coli," Biochem. J. 324:421-426 (1997).
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	AT	Khan and Maliga, "Fluorescent Antibiotic Resistance Marker for Tracking Plastid Transformation in Higher Plants," Nature Biotech. 17:910-914 (1999).
	AU	Kota et al., "Overexpression of the Bacillus thuringiensis (Bt) Cry2Aa2 Protein in Chloroplasts Confers Resistance to Plants Against Susceptible and Bt-resistant Insects," Proc. Natl. Acad. Sci. USA 96:1840-1845 (1999).
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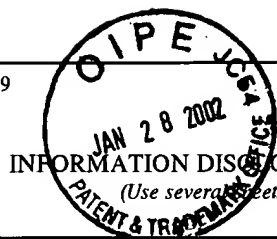
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RF	AN	Kunkel et al., "Rapid and efficient site-specific mutagenesis without phenotypic selection," Methods in Enzymol.; 154:367-382 (1987).
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	AO	Nielsen and Bloor, "Analysis and Developmental Profile of Carotenoid Pigments in Petals of Three Yellow Petunia Cultivars," Scientia Hort. 71:257-266 (1997).
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	AQ	Pearson et al., "Improved tools for biological sequence comparison," Proc. Natl. Acad. Sci. 85:2444-2448 (1988).
	AR	Popják, G., "Natural Substances Formed Biologically from Mevalonic Acid," Biochemical symposium no. 29 (T. W. Goodwin, ed.) Academic Press, New York, pp 17-33 (1970).
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